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(71) Applicant (for all designated States except US): **IPCA LABORATORIES LIMITED** [IN/IN]; 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400 067, Maharashtra (IN).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KUMAR, Ashok** [IN/IN]; A 4/203 - 4, Sterling CHS, Sunderavan Complex, Andheri (West), Mumbai 400 053, Maharashtra (IN). **VYAS, Ketan, Dhansukhlal** [IN/IN]; 13/15, Triveni Apartments, Opp. Kamath Club, Lokhandwala, Oshiwara, Mumbai 400 102, Maharashtra (IN). **BARVE, Sanjay, Govind** [IN/IN]; 73B, Chandreshwar Building, J.S. Road, Girgaum, Mumbai 400 004, Maharashtra (IN). **BHAYANI, Priti, Jayesh** [IN/IN]; 8/New Krishnakunj Society, Opp. Samrudhi Shopping Centre, Swami Samarth Marg, Kandivli Village, Kandivli (West), Mumbai 400 067, Maharashtra (IN). **NANDAVADEKAR, Sanjay** [IN/IN]; Kanchan Gauri Co. Hsg. Society, Room No. 19, Sector-2, Charkop, Kandivli (West), Mumbai 400 067, Maharashtra (IN). **SHAH, Chirag, Hasmukh** [IN/IN]; B/603, Radha Apartment, B/H Kamla Vihar Sports Club, Mahavir Nagar, Kandivli (West), Mumbai 400 067, Maharashtra (IN). **BU-RUDKAR, Sandeep, Madhavrao** [IN/IN]; Survey No. 17/A, harinagar, Ramwadi, Pune 411 014, Maharashtra (IN). **KUSHWAHA, Lavkesh, Dayashankar** [IN/IN];

307, Shri Trimurti Apartment, Vindya - Vasini Nagar, Building No. 5, Near Amarjyoti School, Navghar Road, Bhayander (East), Thane 401 105, Maharashtra (IN).

(74) Agent: **NAIR, Gopakumar, G.**; Gopakumar Nair Associates, Nair Baug, Akurli Road, Kandivli (East), Mumbai 400 101, Maharashtra (IN).

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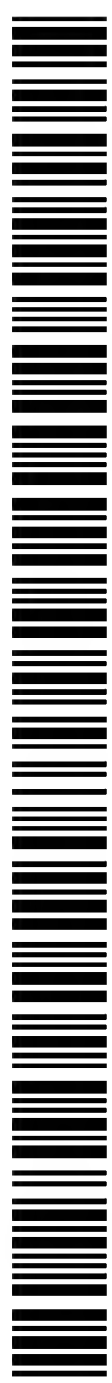
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(54) Title: INDUSTRIAL PROCESS FOR PREPARATION OF CLOPIDOGREL HYDROGEN SULPHATE

(57) Abstract: An improved process for the manufacture of Clopidogrel starting from 2-(2-thienyl) ethylamine, which eliminates the isolation of an unstable intermediate like 2-(2-thienyl) ethyl formimine by subjecting it to a one pot cyclization to get 4, 5, 6, 7-tetrahydrothieno (3,2-c) pyridine of Formula II and further reacting with halo-compound of Formula III (where X is Cl or Br) at 20 to 90°C temperature characterized in a solvent like water and/or dichloroethane in presence of organic or inorganic bases is disclosed herein. This invention further discloses a process for resolution of racemic Clopidogrel into its optical antipodes and converting the dextroclopidogetrel base into its known polymorphs namely 'Form I' or 'Form II' in solvents selected from methyl propyl ketone, methyl isopropyl ketone, diethyl ketone or their mixture thereof, mixture of ethyl acetate and methyl propyl ketone, mixture of ethyl acetate and methyl isopropyl ketone, or mixture of ethyl acetate and diethyl ketone or ethyl acetate.



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